

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031442.D
 Acq On : 17 Sep 2022 04:05
 Operator : JC/MD
 Sample : PB147603ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#11

Quant Time: Sep 17 04:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

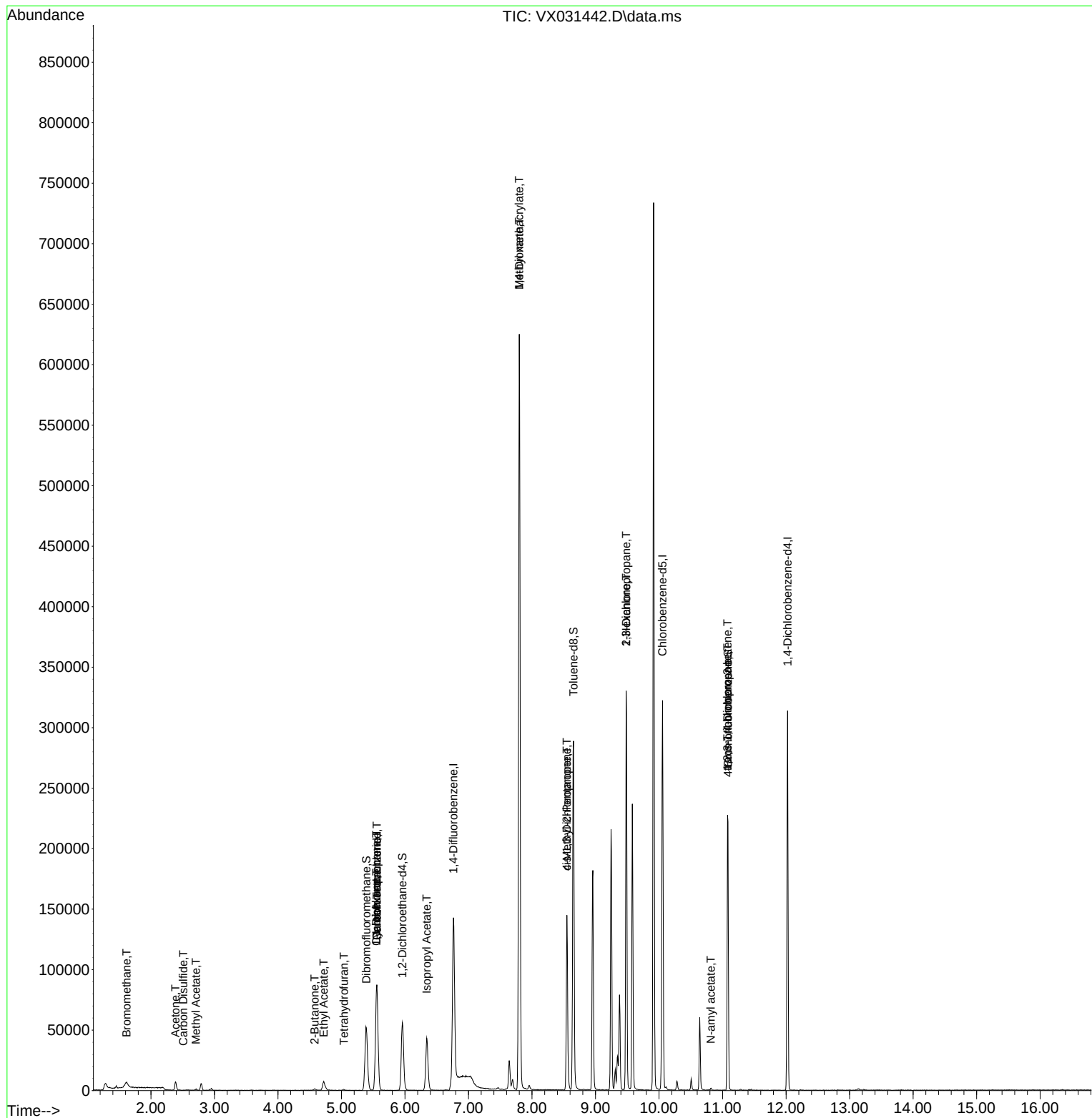
Internal Standards						
1) Pentafluorobenzene	5.556	168	82928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137630	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51075	25.092	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	50.180%#
35) Dibromofluoromethane	5.391	113	43112	29.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	58.280%#
50) Toluene-d8	8.653	98	169861	30.608	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	61.220%#
62) 4-Bromofluorobenzene	11.085	95	53196	26.177	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	52.360%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	246	Below Cal	#	41
5) Bromomethane	1.617	94	373	0.343	ug/l #	75
11) Tert butyl alcohol	2.952	59	825	Below Cal	#	73
16) Acetone	2.385	43	8435	9.707	ug/l	97
17) Carbon Disulfide	2.507	76	60	0.901	ug/l #	75
18) Methyl Acetate	2.709	43	1396	0.542	ug/l #	86
20) Methylene Chloride	2.794	84	2556	Below Cal	#	84
21) trans-1,2-Dichloroethene	2.867	96	39	Below Cal	#	1
25) 2-Butanone	4.574	43	1426	0.995	ug/l	99
29) Tetrahydrofuran	5.037	42	467	0.526	ug/l #	69
31) Cyclohexane	5.549	56	2083	0.953	ug/l #	47
36) 1,1-Dichloropropene	5.549	75	6584	3.251	ug/l #	49
37) Ethyl Acetate	4.720	43	12393	4.657	ug/l	99
38) Carbon Tetrachloride	5.556	117	8269	3.757	ug/l #	15
43) Isopropyl Acetate	6.342	43	57705	12.704	ug/l	98
48) Methyl methacrylate	7.799	41	54805	26.505	ug/l #	48
49) 1,4-Dioxane	7.799	88	47	1.133	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	48429	17.541	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	22009	8.105	ug/l #	62
57) 1,3-Dichloropropane	9.482	76	2809	1.007	ug/l #	43
59) 2-Hexanone	9.482	43	37695	17.888	ug/l #	53
74) N-amyl acetate	10.817	43	612	0.282	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	30752	20.650	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30752	57.138	ug/l #	11

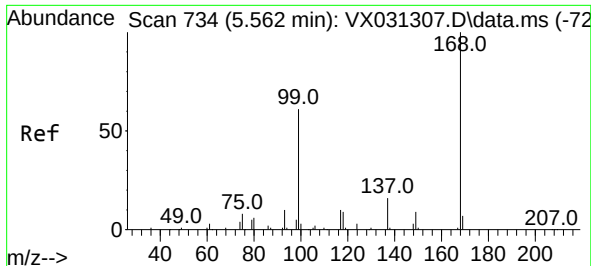
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
Data File : VX031442.D
Acq On : 17 Sep 2022 04:05
Operator : JC/MD
Sample : PB147603ZHE#11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

Quant Time: Sep 17 04:57:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

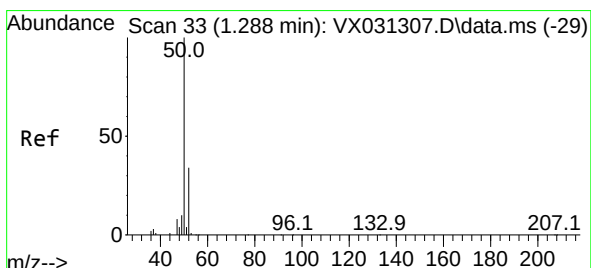
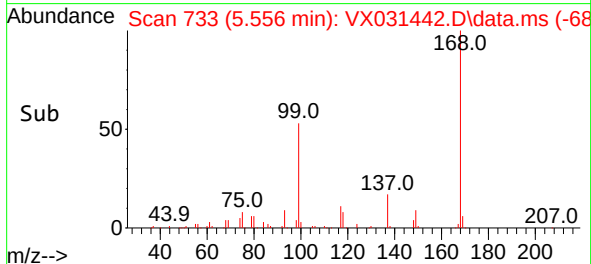
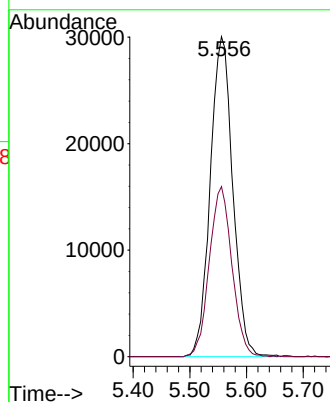
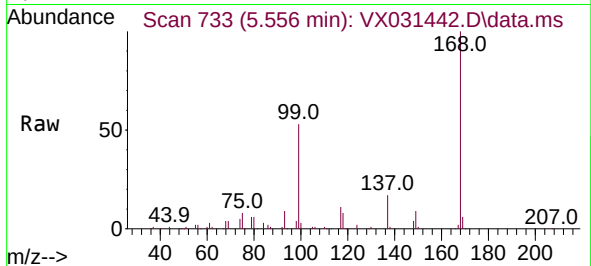




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

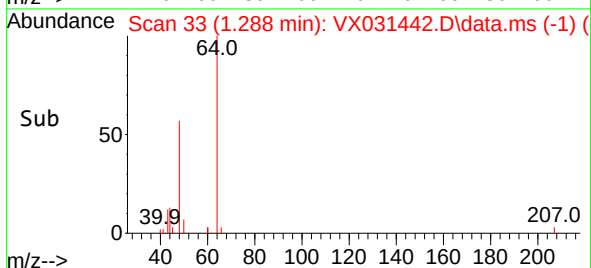
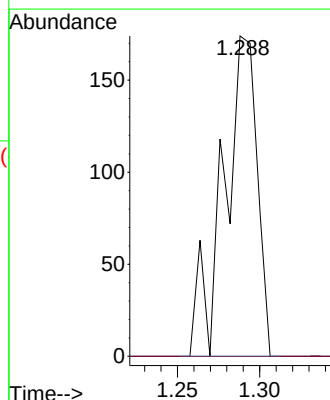
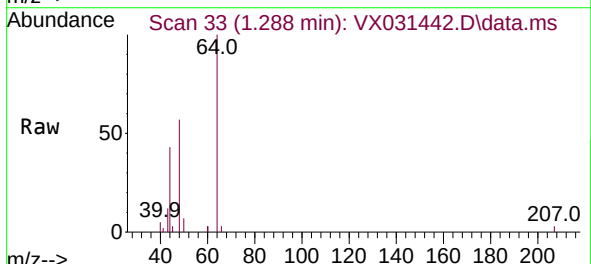
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

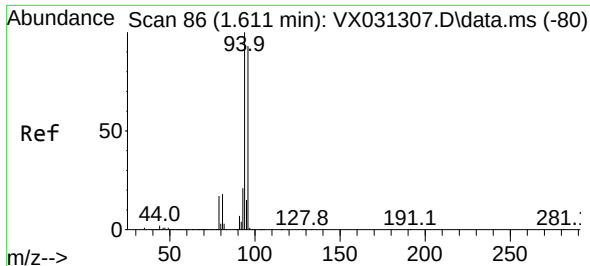
Tgt Ion:168 Resp: 82928
Ion Ratio Lower Upper
168 100
99 53.1 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Tgt Ion: 50 Resp: 246
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

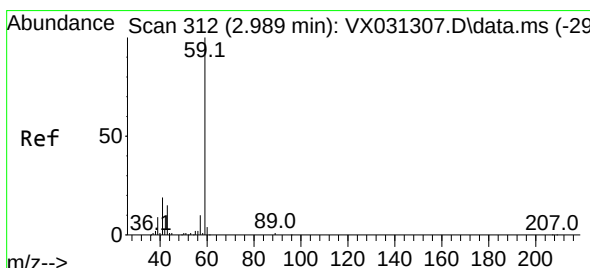
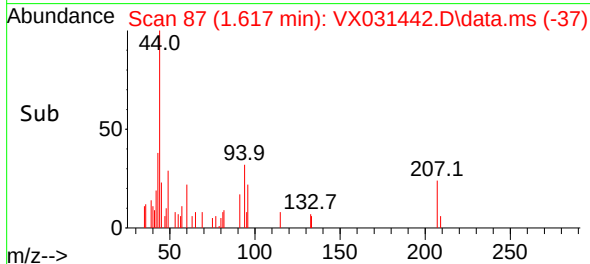
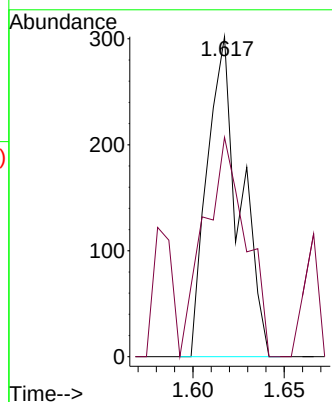
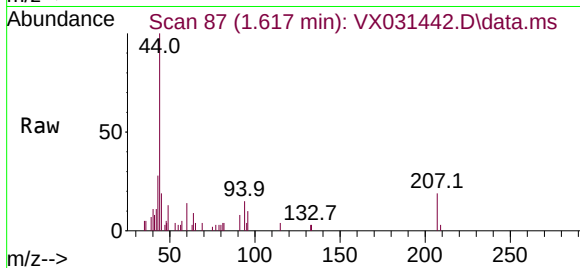




#5
Bromomethane
Concen: 0.343 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

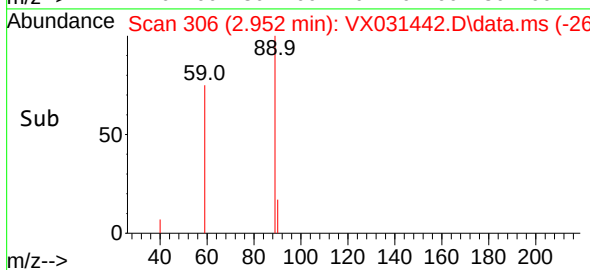
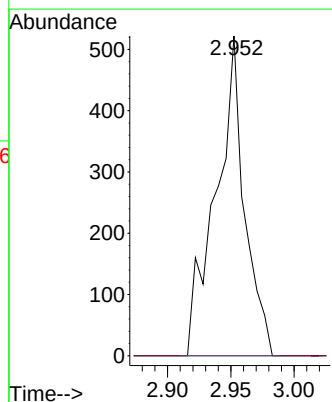
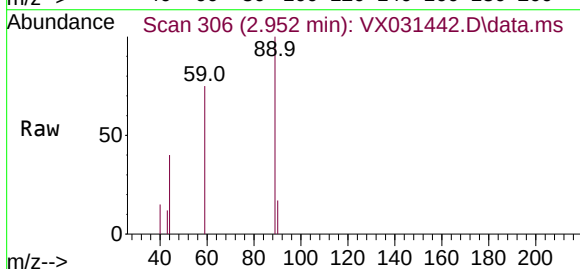
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

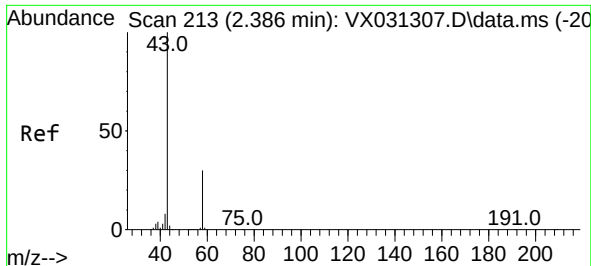
Tgt Ion: 94 Resp: 373
Ion Ratio Lower Upper
94 100
96 68.5 74.4 111.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Tgt Ion: 59 Resp: 825
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

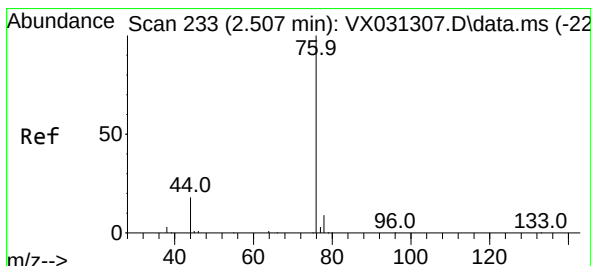
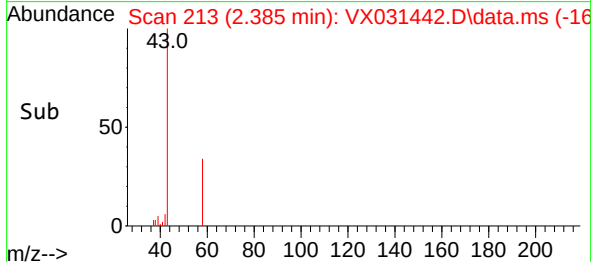
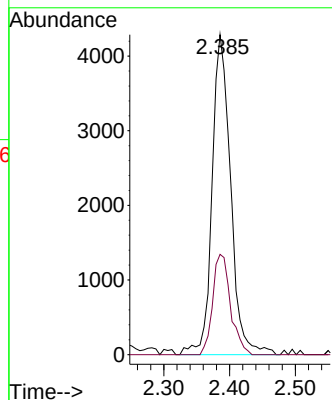
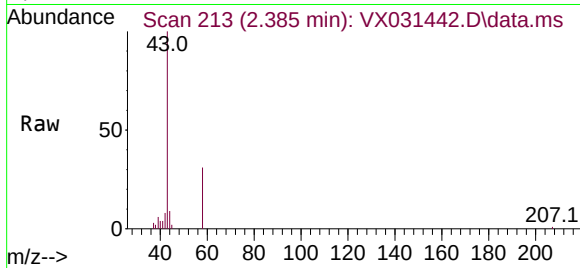




#16
Acetone
Concen: 9.707 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

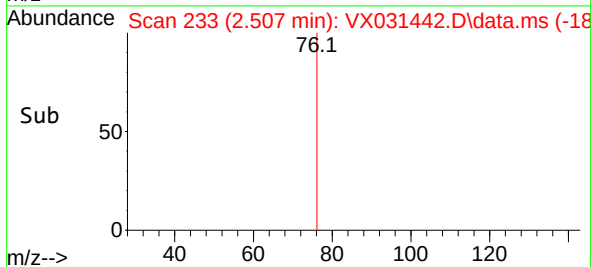
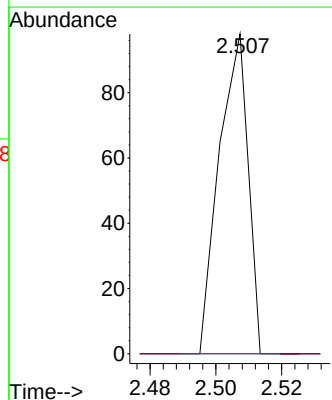
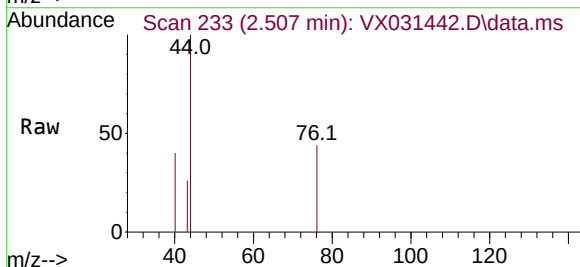
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

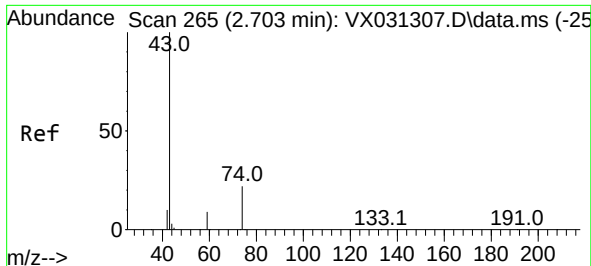
Tgt Ion: 43 Resp: 8435
Ion Ratio Lower Upper
43 100
58 31.3 23.8 35.8



#17
Carbon Disulfide
Concen: 0.901 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Tgt Ion: 76 Resp: 60
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

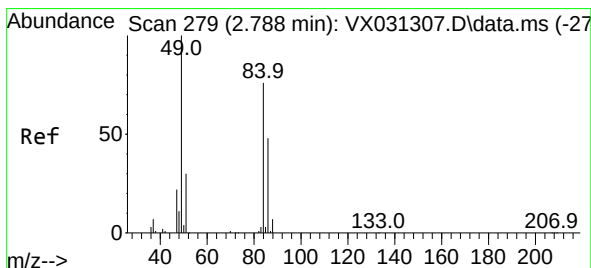
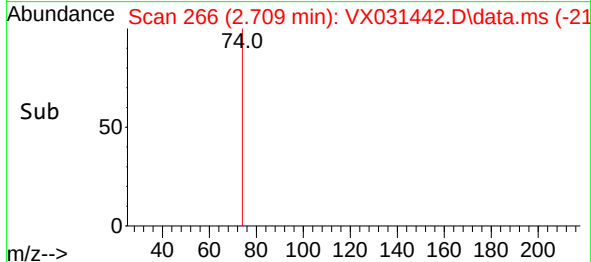
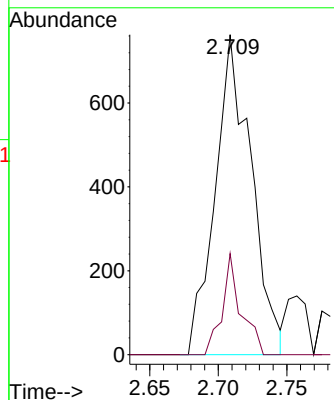
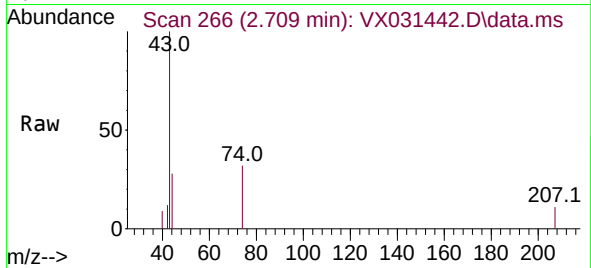




#18
Methyl Acetate
Concen: 0.542 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

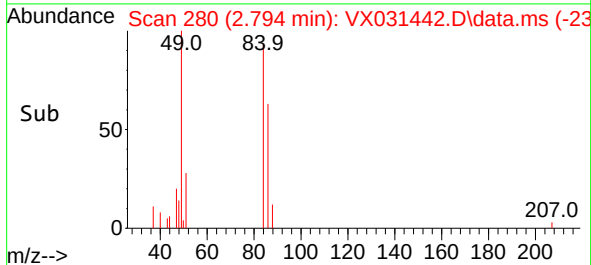
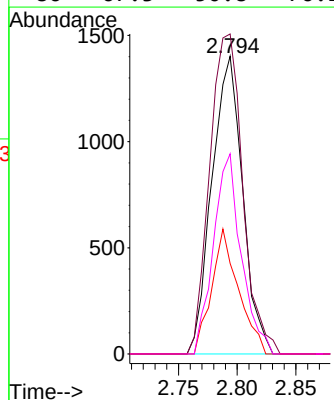
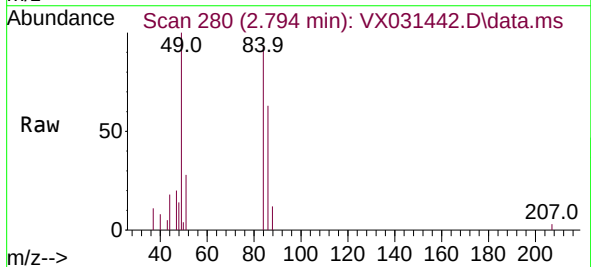
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

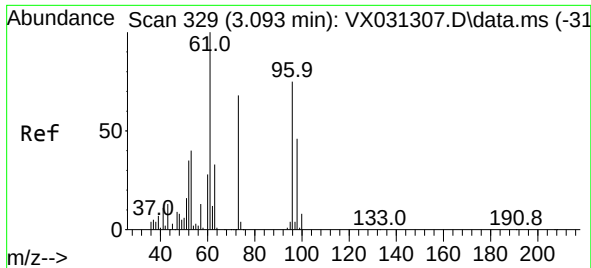
Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
74 16.4 18.6 27.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Tgt Ion: 84 Resp: 2556
Ion Ratio Lower Upper
84 100
49 107.5 105.9 158.9
51 30.5 32.2 48.2#
86 67.3 50.8 76.2

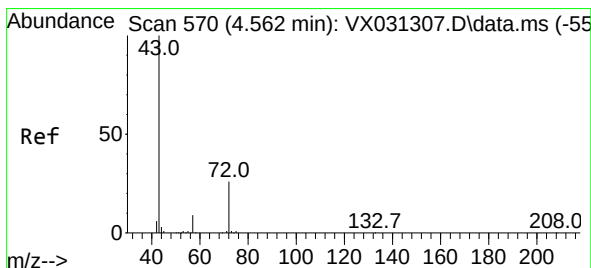
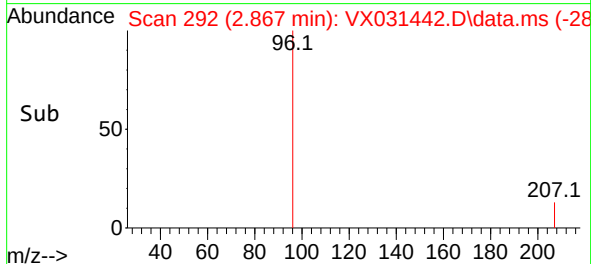
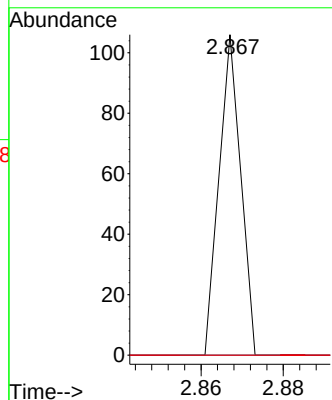
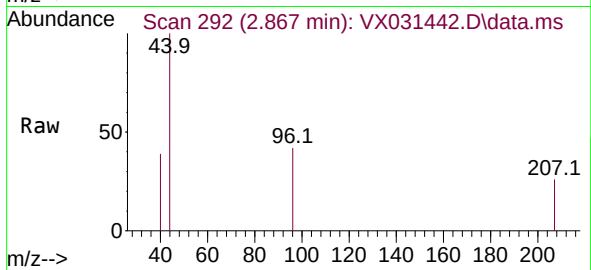




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.867 min Scan# 21
Delta R.T. -0.226 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

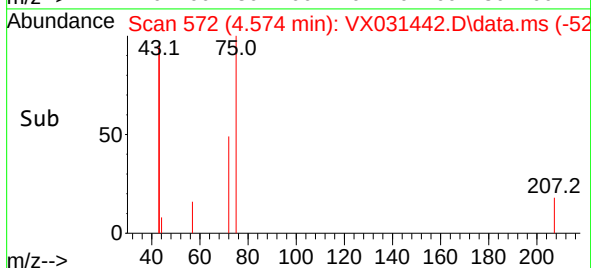
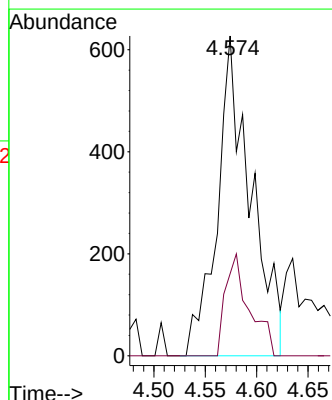
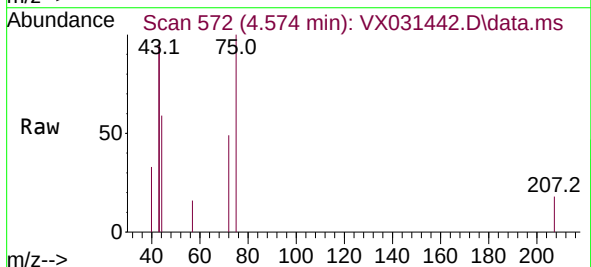
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

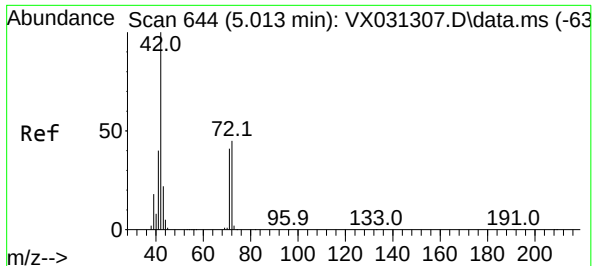
Tgt Ion: 96 Resp: 39
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#25
2-Butanone
Concen: 0.995 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
72 25.7 21.1 31.7





#29

Tetrahydrofuran

Concen: 0.526 ug/l

RT: 5.037 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX031442.D

Acq: 17 Sep 2022 04:05

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#11

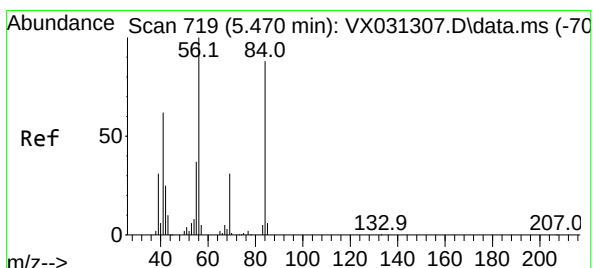
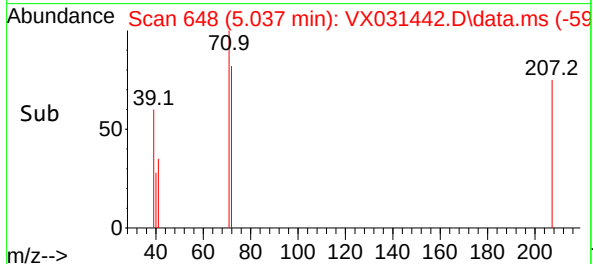
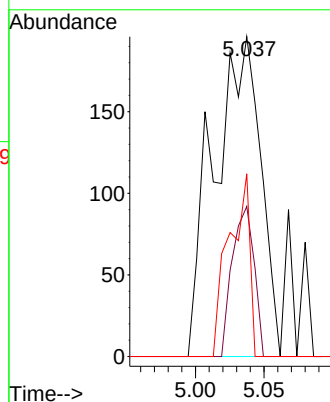
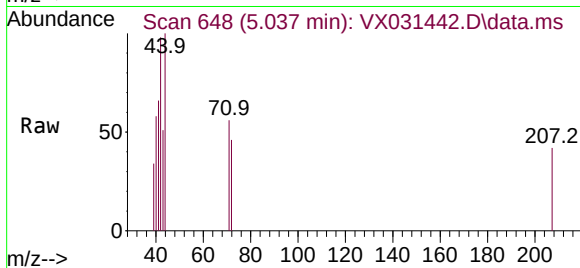
Tgt Ion: 42 Resp: 467

Ion Ratio Lower Upper

42 100

72 21.8 36.4 54.6#

71 25.3 33.5 50.3#



#31

Cyclohexane

Concen: 0.953 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031442.D

Acq: 17 Sep 2022 04:05

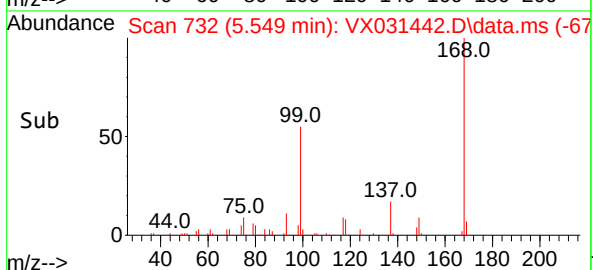
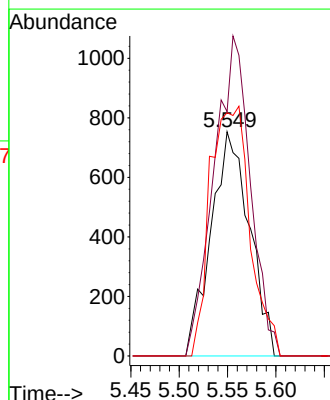
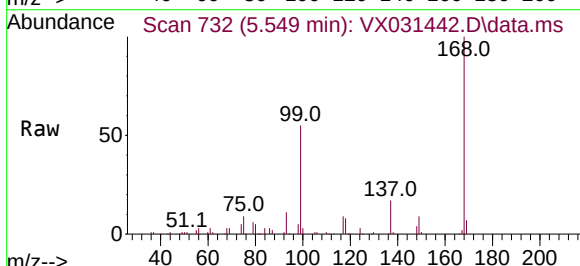
Tgt Ion: 56 Resp: 2083

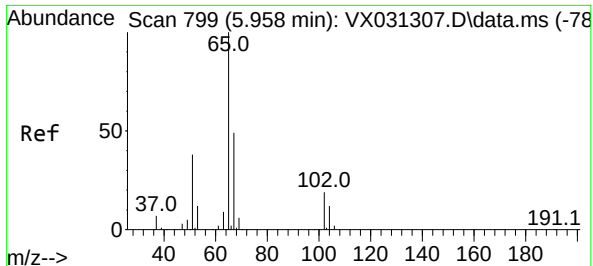
Ion Ratio Lower Upper

56 100

69 109.0 25.1 37.7#

84 108.5 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 25.092 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031442.D

Acq: 17 Sep 2022 04:05

Instrument :

MSVOA_X

ClientSampleId :

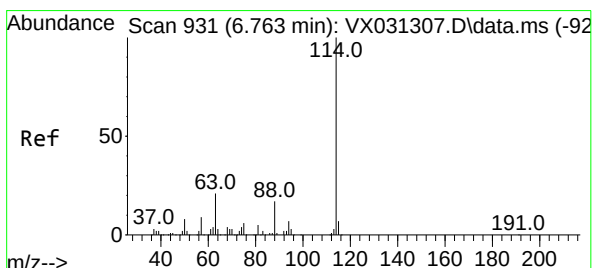
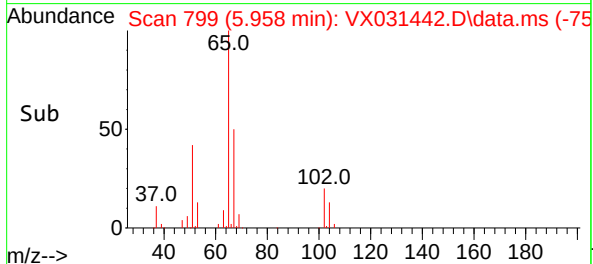
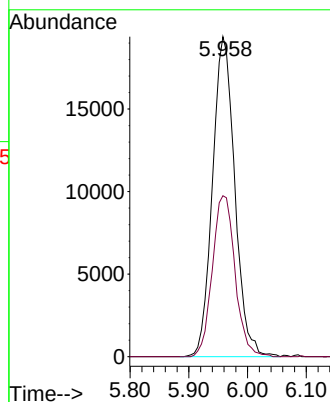
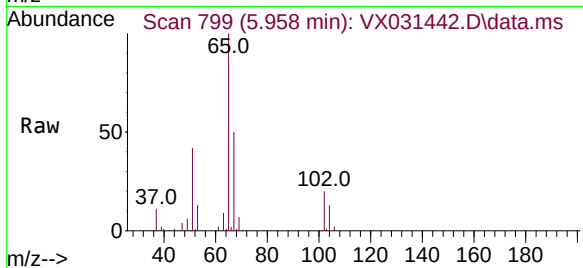
PB147603ZHE#11

Tgt Ion: 65 Resp: 51075

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031442.D

Acq: 17 Sep 2022 04:05

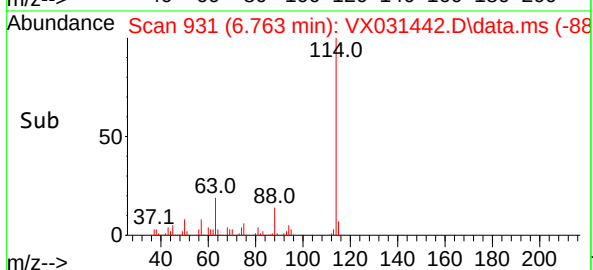
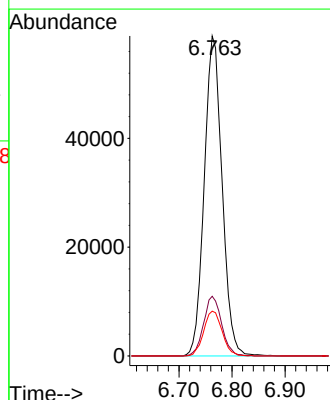
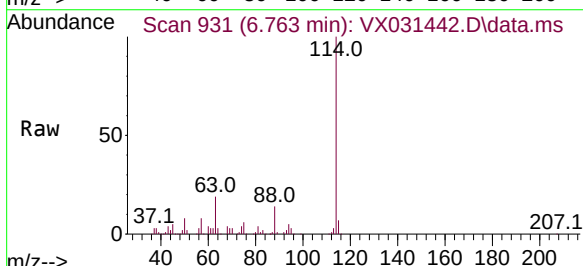
Tgt Ion: 114 Resp: 137630

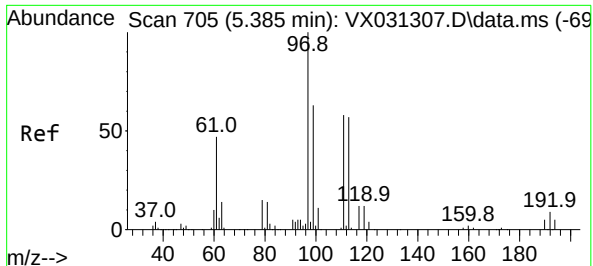
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.6

88 14.0 0.0 33.0

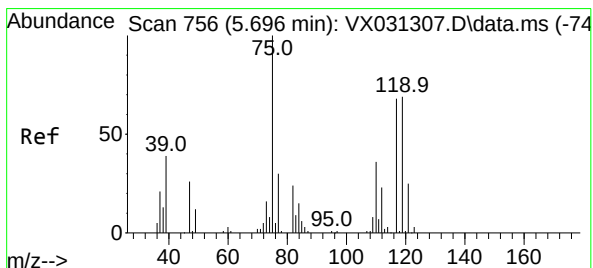
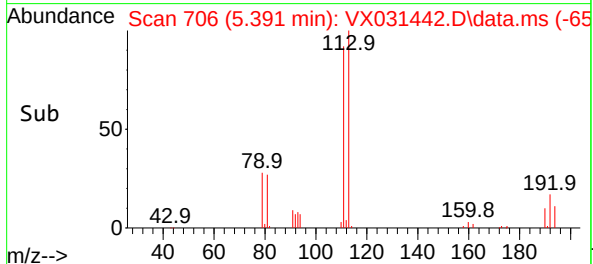
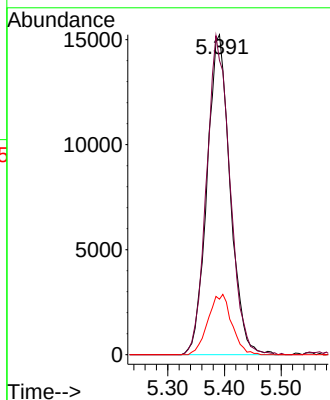
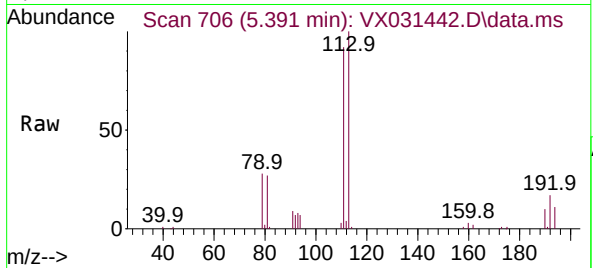




#35
Dibromofluoromethane
Concen: 29.141 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

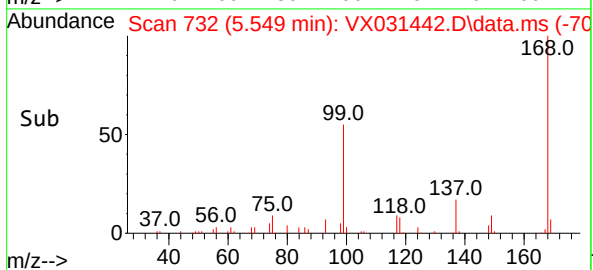
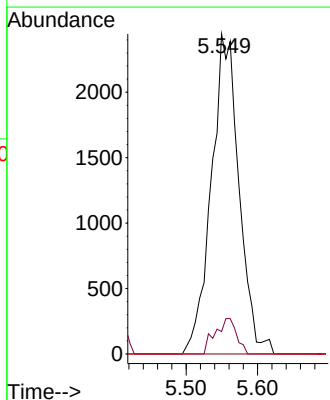
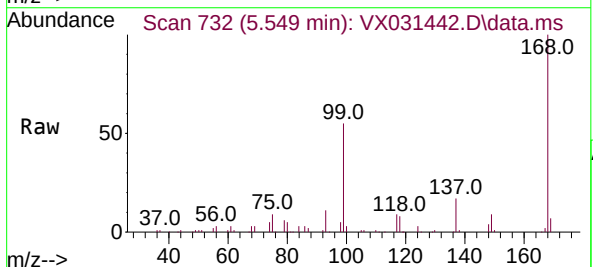
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

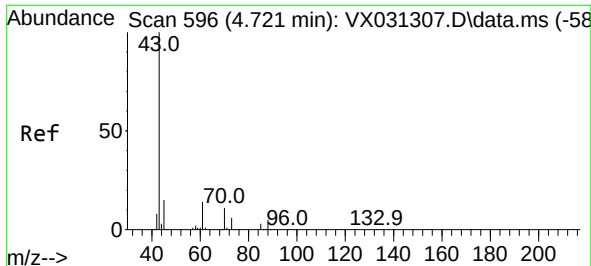
Tgt Ion:113 Resp: 43112
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 19.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.251 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Tgt Ion: 75 Resp: 6584
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 4.657 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX031442.D

Acq: 17 Sep 2022 04:05

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#11

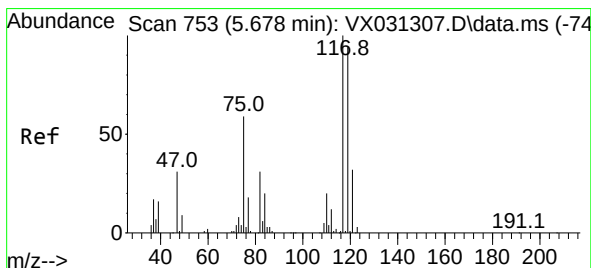
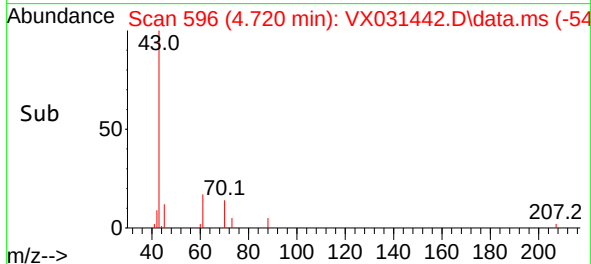
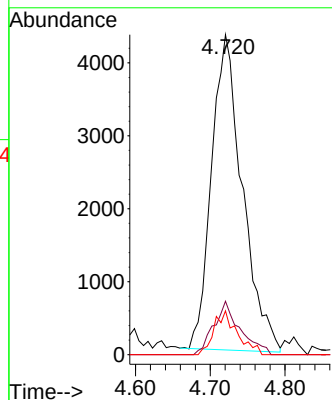
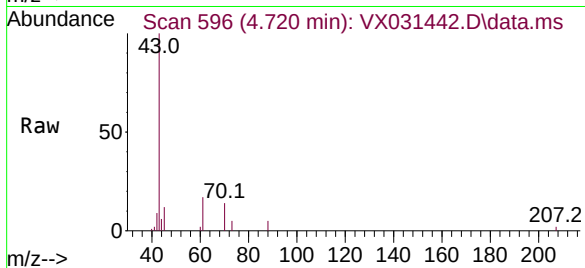
Tgt Ion: 43 Resp: 12393

Ion Ratio Lower Upper

43 100

61 14.5 11.1 16.7

70 10.5 8.6 13.0



#38

Carbon Tetrachloride

Concen: 3.757 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031442.D

Acq: 17 Sep 2022 04:05

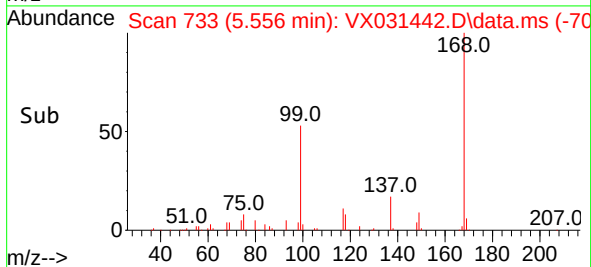
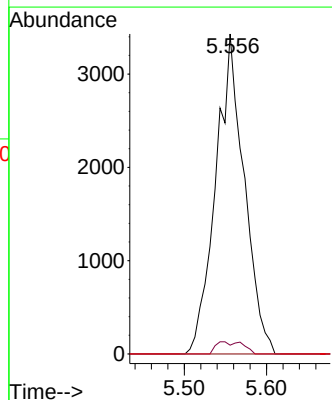
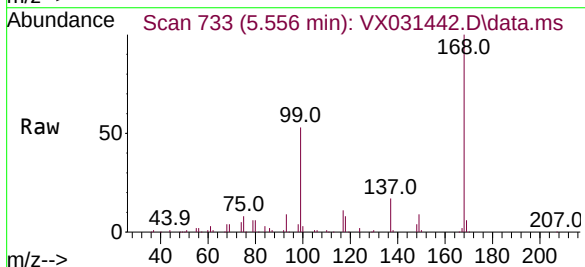
Tgt Ion: 117 Resp: 8269

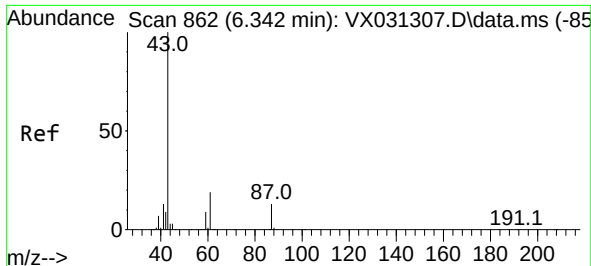
Ion Ratio Lower Upper

117 100

119 2.7 74.6 112.0#

121 0.0 25.3 37.9#

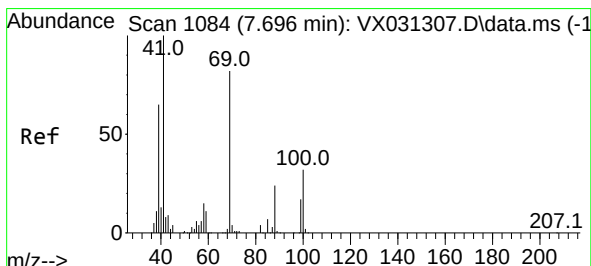
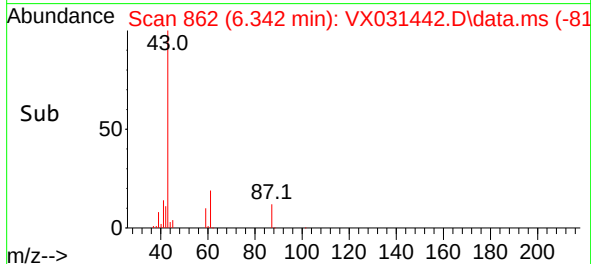
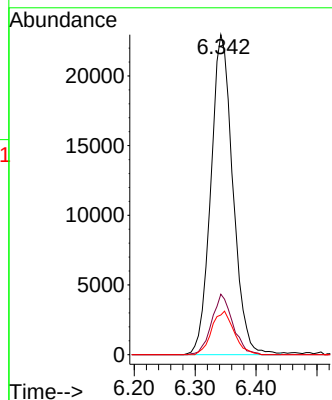
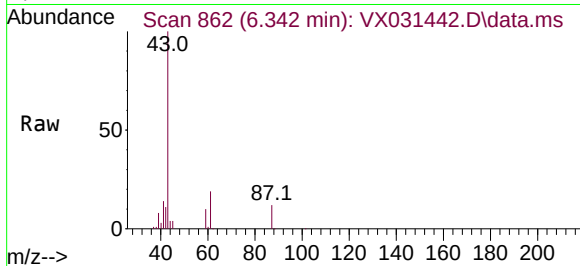




#43
Isopropyl Acetate
Concen: 12.704 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

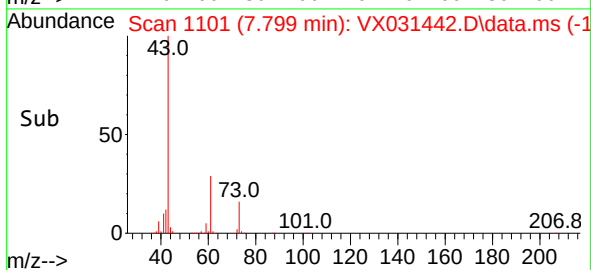
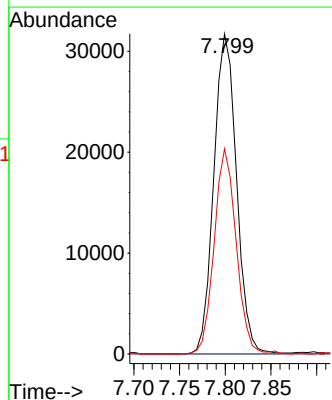
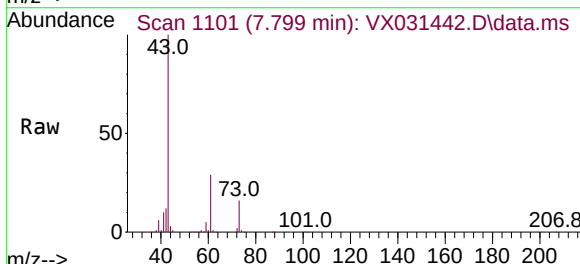
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

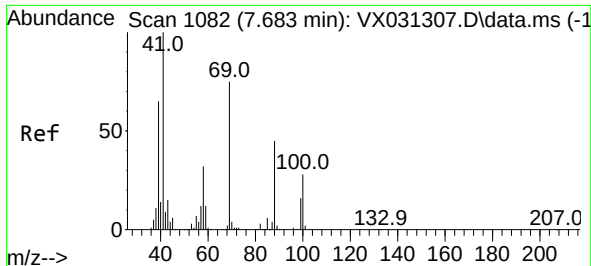
Tgt Ion:	43	Resp:	57705
Ion	Ratio	Lower	Upper
43	100		
61	18.1	15.3	22.9
87	13.8	10.6	15.8



#48
Methyl methacrylate
Concen: 26.505 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Tgt Ion:	41	Resp:	54805
Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.6	96.8#
39	62.2	51.4	77.0





#49

1,4-Dioxane

Concen: 1.133 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.116 min

Lab File: VX031442.D

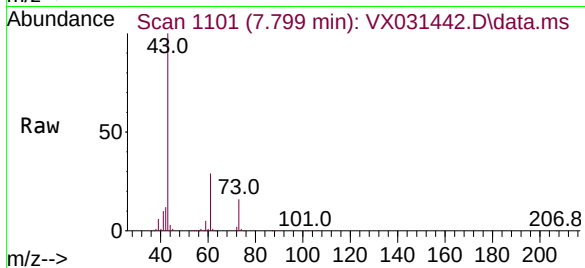
Acq: 17 Sep 2022 04:05

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#11



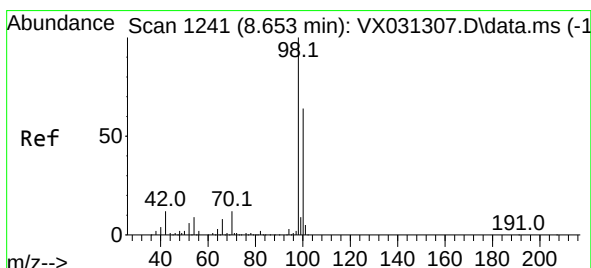
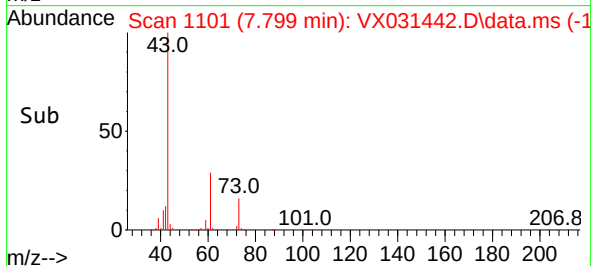
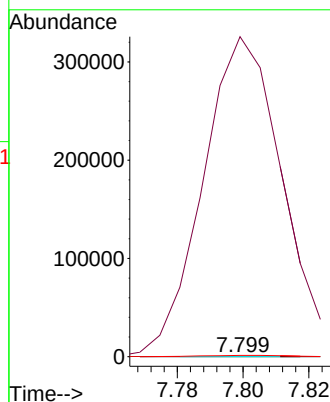
Tgt Ion: 88 Resp: 47

Ion Ratio Lower Upper

88 100

43 1172540.4 27.1 40.7#

58 5087.2 53.9 80.9#



#50

Toluene-d8

Concen: 30.608 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031442.D

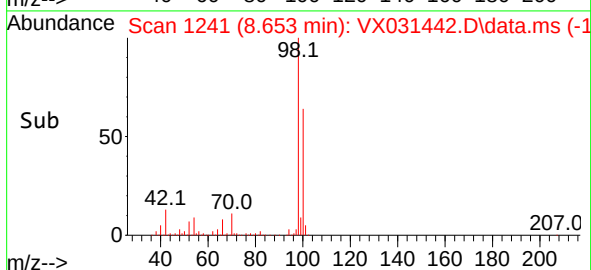
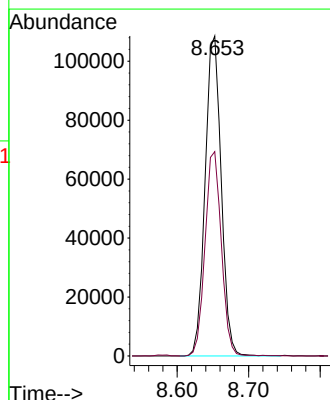
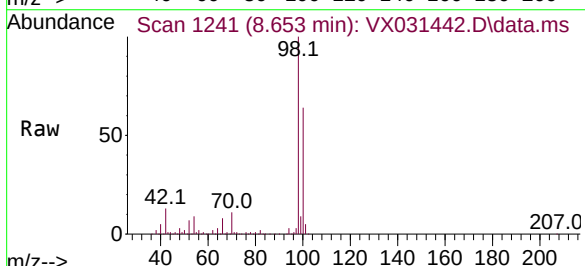
Acq: 17 Sep 2022 04:05

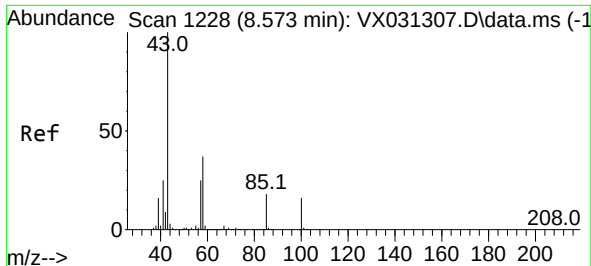
Tgt Ion: 98 Resp: 169861

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 17.541 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX031442.D

Acq: 17 Sep 2022 04:05

Instrument :

MSVOA_X

ClientSampleId :

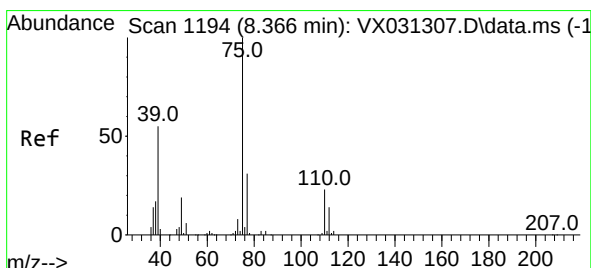
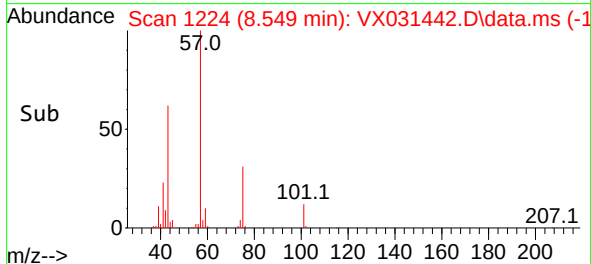
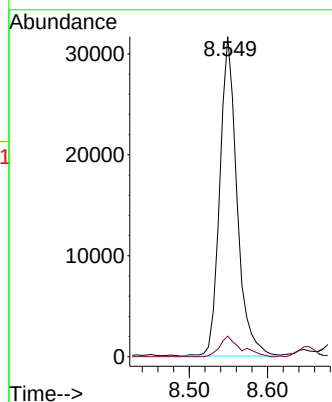
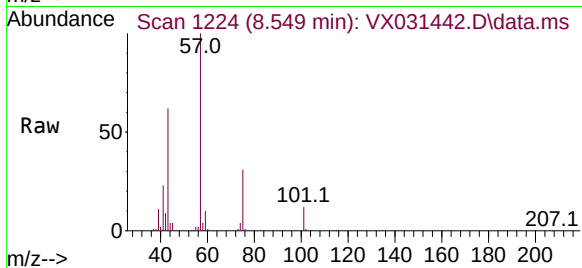
PB147603ZHE#11

Tgt Ion: 43 Resp: 48429

Ion Ratio Lower Upper

43 100

58 7.8 30.6 46.0#



#54

cis-1,3-Dichloropropene

Concen: 8.105 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX031442.D

Acq: 17 Sep 2022 04:05

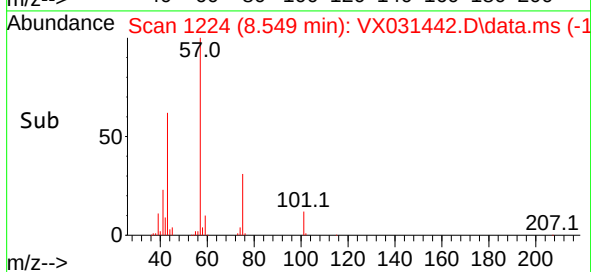
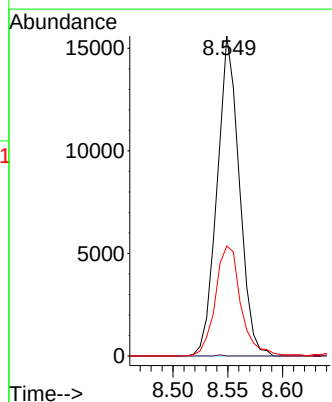
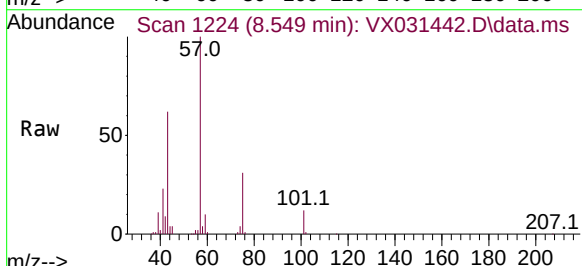
Tgt Ion: 75 Resp: 22009

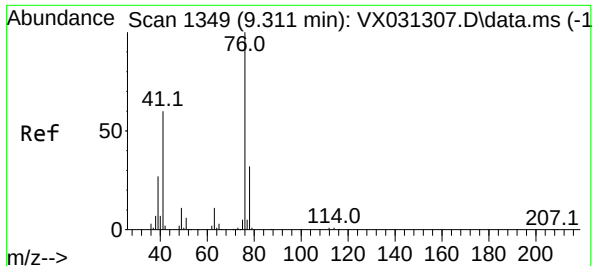
Ion Ratio Lower Upper

75 100

77 0.0 24.4 36.6#

39 34.4 43.7 65.5#





#57

1,3-Dichloropropane

Concen: 1.007 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX031442.D

Acq: 17 Sep 2022 04:05

Instrument :

MSVOA_X

ClientSampleId :

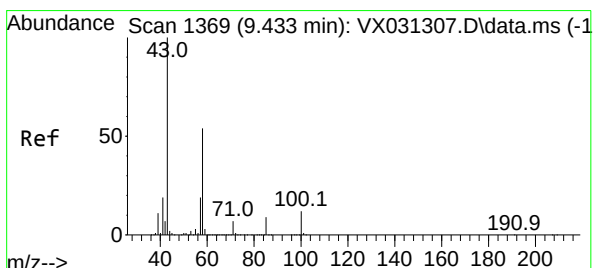
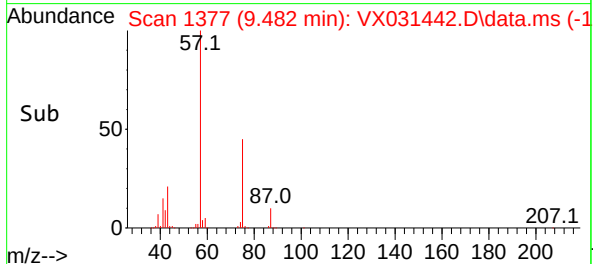
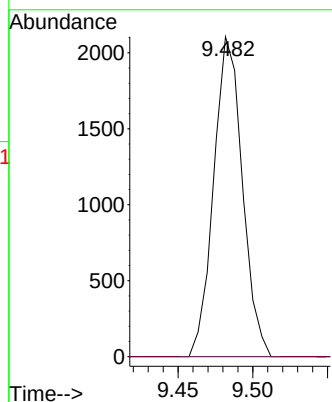
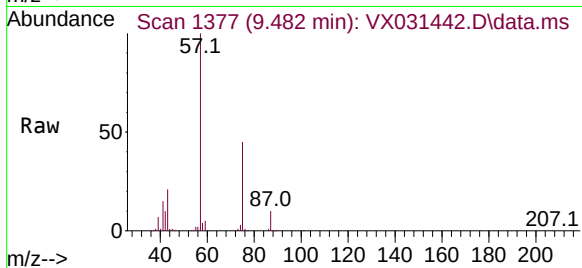
PB147603ZHE#11

Tgt Ion: 76 Resp: 2809

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#59

2-Hexanone

Concen: 17.888 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX031442.D

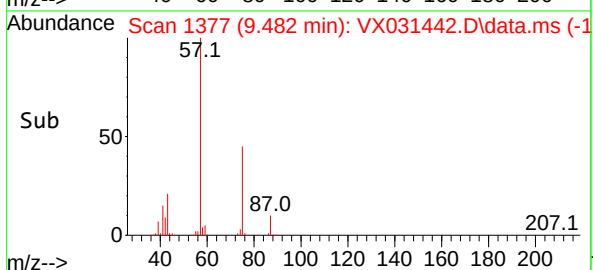
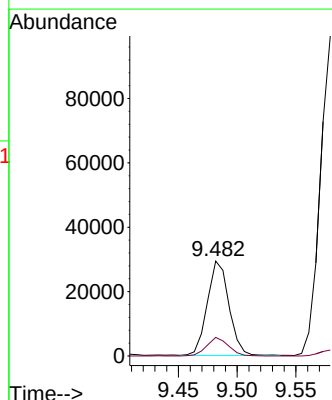
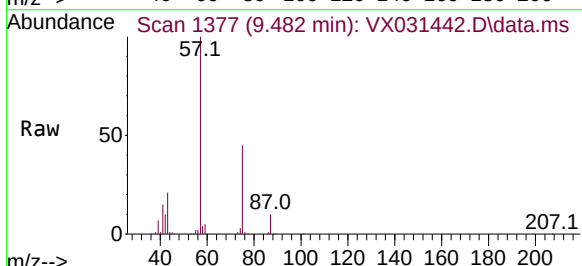
Acq: 17 Sep 2022 04:05

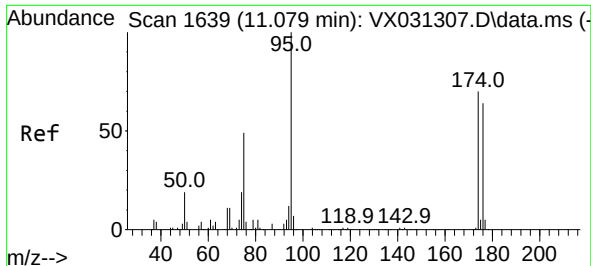
Tgt Ion: 43 Resp: 37695

Ion Ratio Lower Upper

43 100

58 19.6 26.7 80.0#

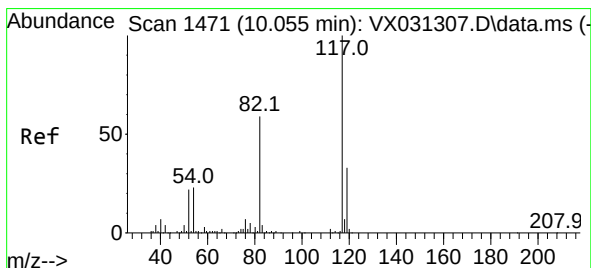
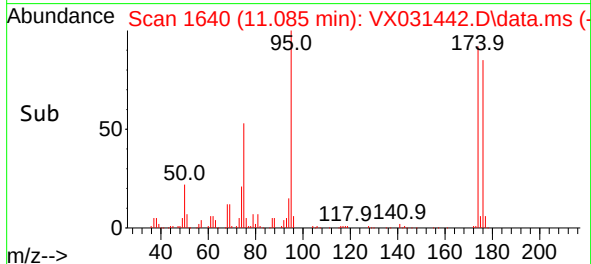
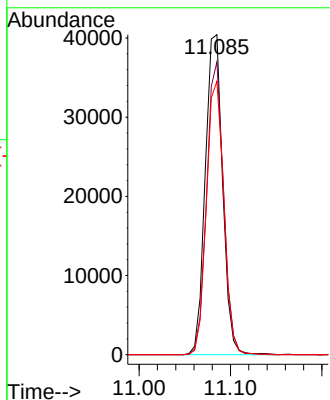
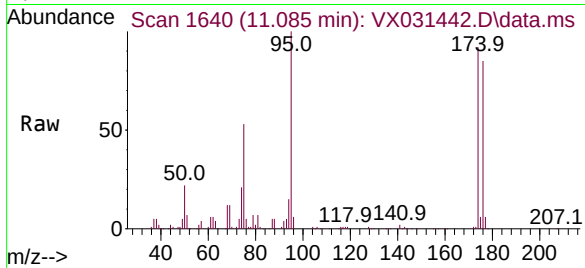




#62
4-Bromofluorobenzene
Concen: 26.177 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

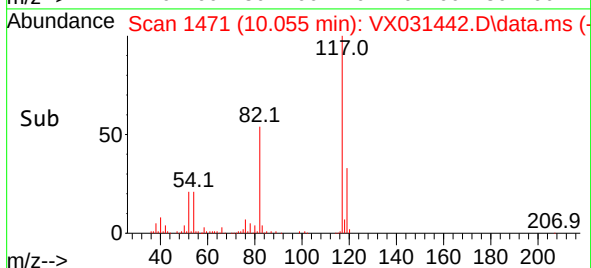
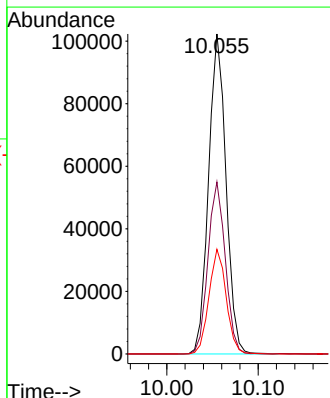
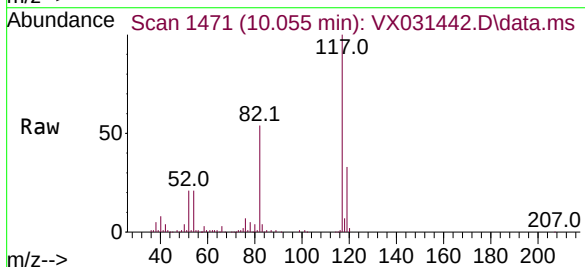
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

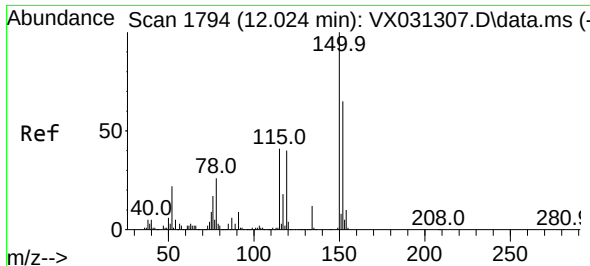
Tgt Ion: 95 Resp: 53196
Ion Ratio Lower Upper
95 100
174 89.1 0.0 153.2
176 85.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Tgt Ion: 117 Resp: 135050
Ion Ratio Lower Upper
117 100
82 53.8 46.8 70.2
119 32.7 26.4 39.6

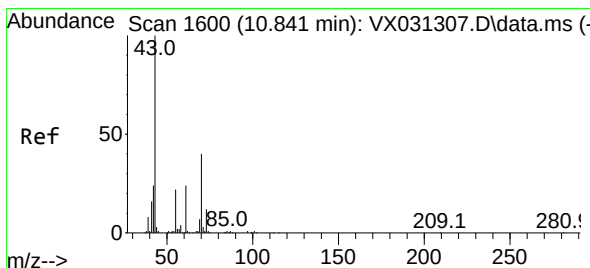
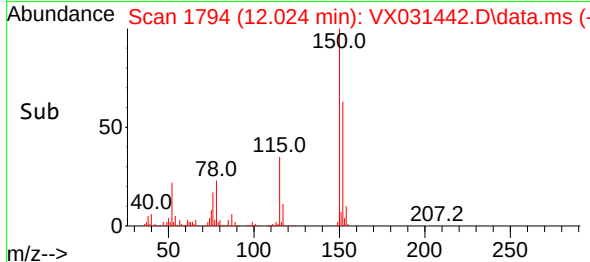
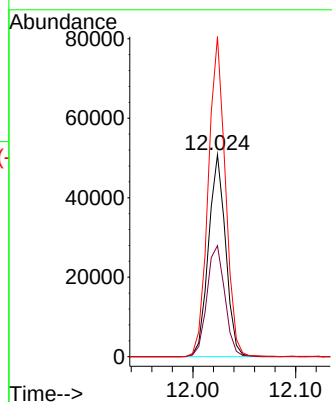
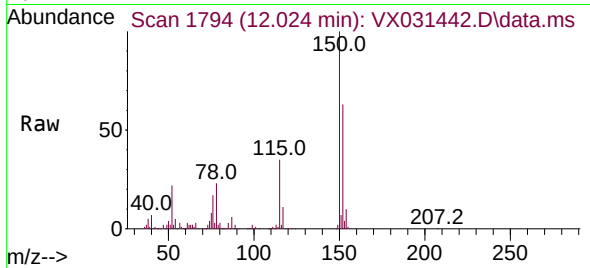




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

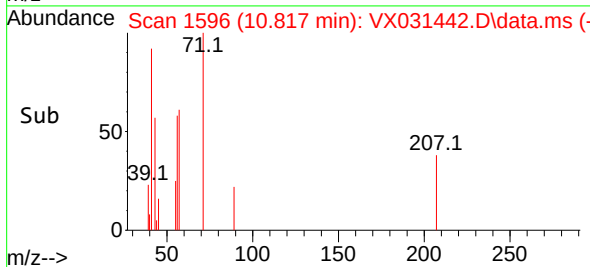
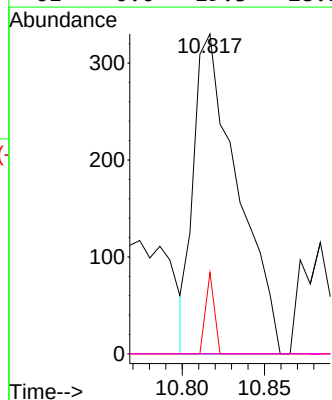
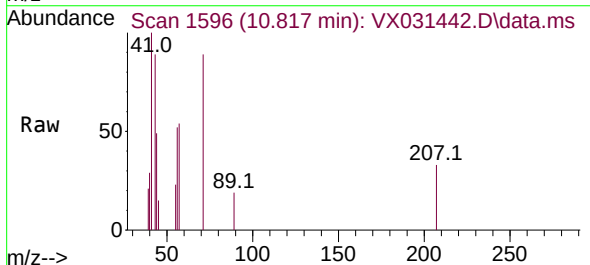
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

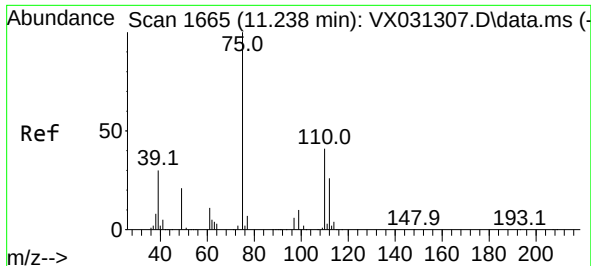
Tgt Ion:152 Resp: 59096
Ion Ratio Lower Upper
152 100
115 57.5 43.4 130.1
150 157.9 0.0 346.8



#74
N-ethyl acetate
Concen: 0.282 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.025 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.2#
55 5.1 18.2 27.2#
61 0.0 19.3 28.9#

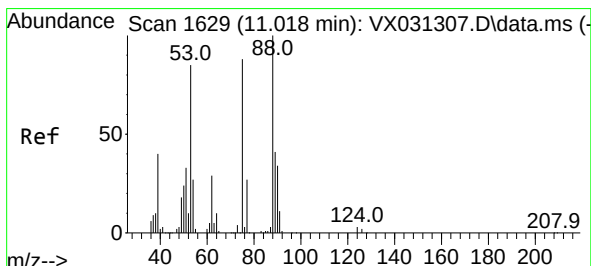
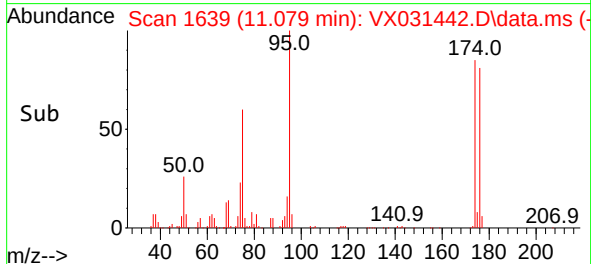
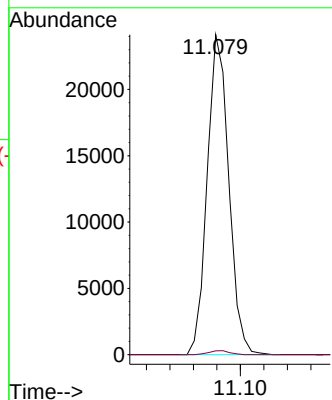
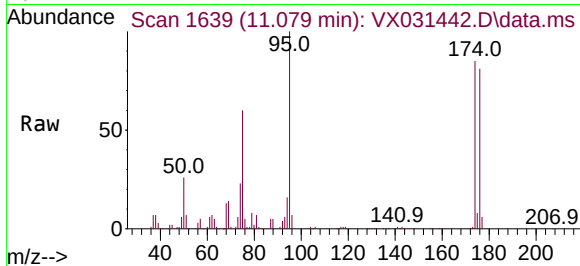




#76
1,2,3-Trichloropropane
Concen: 20.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#11

Tgt Ion: 75 Resp: 30752
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031442.D
Acq: 17 Sep 2022 04:05

Tgt Ion: 75 Resp: 30752
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

